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## METEOROLOGICAL JOURNALS.

THE Barometer and Thermometer used in the following observations, are of the best construction. The Barometer is provided with a floating guage and scale of correction. The heights of the mercury are reduced to the temperature of 55° of Fahrenheit. The instruments are placed upon the side of a building having a northern aspect, about eleven feet from the ground, and thirty-one above the mean level of the sea.

## CAMBRIDGE, APRIL, 1815.

Day.	Barometer.			Thermometer.			Face of Sky.		Winds.	
	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	9 P. M.	7 A. M.	9 P. M.
1	29.90	30.03	30.15	30	39	28	Fair	Fair	W.2	W.
2	30.14	29.99	30.02	34	33	29	Clo.	Clo.	S.E.	E.2
3	30.20	30.23	30.29	28	43	28	Clo.	Fair	N.	W.
4	30.32	30.09	29.92	33	48	48	Clo.	Clo.	S.	S.W.2
5	29.78	29.81	30.18	51	51	41	Clo.	Clo.	S.W.2	E.1
6	30.33	30.30	30.39	38	40	33	Clo.	Clo.	S.E.	W.
7	30.37	30.31	30.26	38	55	38	Clo.	Clo.	N.W.	E.
8	30.10	30.05	30.09	34	38	33	Fair	Fair	E.	E.
9	30.34	30.35	30.35	30	45	31	Fair	Fair	N.	E.
10	30.36	30.18	30.00	37	58	40	Fair	Clo.	S.W.	S.E.
11	29.80	29.56	30.67	40	68	53	Clo.	Fair	E.	W.
12	30.00	30.04	30.11	43	60	35	Fair	Fair	W.1	W.
13	30.09	29.37	29.98	43	63	51	Fair	Clo.	S.W.1	W.1
14	29.98	29.97	29.98	43	58	52	Fair	Fair	E.	N.
15	30.12	30.10	30.02	32	48	38	Fair	Clo.	N.W.2	W.
16	29.85	29.68	29.80	43	62	57	Clo.	Fair	S.W.	N.W.
17	30.62	30.00	30.03	37	54	42	Fair	Fair	N.W.	S.W.
18	30.69	30.01	30.02	44	63	46	Clo.	Fair	S.	W.
19	29.98	29.71	29.71	43	48	39	Clo.	Clo.	W.	N.E.
20	29.92	29.96	30.06	40	53	37	Clo.	Clo.	N.2	N.W.
21	30.11	30.15	30.15	39	52	43	Fair	Fair	N.	E.
22	30.03	29.88	30.50	40	40	40	Clo.	Clo.	S.E.	N.E.3
23	29.48	29.51	29.72	37	40	41	Clo.	Clo.	N.3	N.W.
24	30.04	30.40	30.46	42	48	34	Fair	Fair	N.W.	N.W.
25	30.63	30.60	30.45	35	48	37	Fair	Fair	N.E.	E.
26	30.34	30.18	30.14	44	70	52	Fair	Fair	S.	S.2
27	30.14	30.06	30.13	55	82	57	Fair	Fair	S.W.	S.W.
28	30.14	30.18	30.20	51	48	38	Clo.	Clo.	N.E.2	N.E.1
29	30.06	29.98	29.96	38	40	33	Clo.	Clo.	S.E.1	N.1
30	29.88	29.59	30.04	37	52	42	Clo.	Clo.	N.1	N.2

The figures 1, 2, 3, denote the degrees of force of the wind.

Total of rain and snow reduced to water this month, 4.32.

MAY, 1815.

Day.	Barometer.			Thermometer.			Face of Sky.		Winds.	
	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	9 P. M.	7 A. M.	9 P. M.
1	30.16	30.14	30.12	39	54	39	Fair	Fair	N.W.1	W.
2	30.15	30.07	29.98	40	56	44	Fair	Clo.	E.1	E.
3	29.84	29.03	29.90	40	40	37	Clo.	Clo.	N.E.2	N.E.2
4	29.92	29.91	30.02	42	56	42	Clo.	Fair	N.	W.
5	30.12	30.11	30.16	42	62	45	Fair	Fair	N.W.	W.
6	30.15	30.16	30.16	39	55	44	Fair	Clo.	S.E.	E.
7	30.13	30.12	30.13	41	47	40	Clo.	Clo.	E.	N.E.
8	30.14	30.12	30.11	38	47	39	Clo.	Fair	E.1	S.W.
9	30.10	29.98	29.96	43	59	41	Fair	Fair	W.1	W.
10	29.92	29.92	30.01	45	58	42	Fair	Fair	W.1	W.
11	30.06	30.04	30.04	45	62	48	Clo.	Clo.	N.W.	W.
12	30.06	30.06	29.96	45	58	54	Fair	Clo.	W.	E.1
13	29.75	29.89	29.93	52	60	48	Clo.	Clo.	W.2	E.
14	29.99	30.04	30.08	42	53	38	Fair	Fair	N.W.2	W.
15	30.09	30.11	30.14	46	56	57	Fair	Fair	N.W.2	W.
16	30.22	30.17	30.14	45	64	48	Fair	Clo.	N.W.	S.W.
17	30.08	29.94	29.80	50	51	48	Clo.	Clo.	S.	S.W.
18	29.97	29.98	30.03	55		53	Fair	Clo.	N.W.1	N.
19	30.02	29.98	29.81	44	40	38	Clo.	Clo.	N.E.2	N.E.
20	29.80	29.98	30.02	41	55	42	Clo.	Fair	N.W.	N.W.1
21	30.08	30.09	30.13	50	68	53	Fair	Fair	W.1	W.1
22	30.19	30.22	30.25	54	76	58	Clo.	Fair	W.1	W.1
23	30.18	30.10	30.06	57	74	55	Fair	Fair	W.1	W.2
24	30.04	29.94	29.95	65	78	58	Clo.	Fair	S.W.	W.
25	29.95	30.01	30.05	60	74	58	Fair	Clo.	S.W.	S.W.
26	30.11	30.11	30.12	57	71	56	Fair	Clo.	N.	W.
27	30.09	30.07	29.97	62	79	66	Fair	Clo.	W.	S.W.2
28	29.97	29.76	29.74	62	79	75	Clo.	Fair	E.	S.W.
29	29.75	29.90	29.99	62	73	52	Clo.	Fair	N.E.1	W.
30	30.06	30.06	30.09	53	68	54	Fair	Fair	W.1	W.1
31	30.20	30.19	30.20	52	63	54	Fair	Clo.	W.	E.1

Total of rain and snow reduced to water, 2.30.

May 28, Thermometer up to 86° at 6 P. M.

## BRUNSWICK, BOWDOIN COLLEGE.

APRIL, 1815.

Thermometer.						Barometer.			Winds.		Weather.	
	7 30 A. M.	1 P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1	30.5	33	32	27.5	39	29.50	29.72	29.82	N.W.	N.W.	Fair.	Fair.
2	25	32	29	10	33	29.90	29.86	29.82	N.E.	N.E.	Cloudy.	Snow.
3	26	42.5	33.5	21	44	29.93	29.97	30.02	N.W.	S.W.	Fair.	Fair.
4	36	40	37.5	26	40	30.04	29.90	29.72	S.W.	S.	Snow.	Rain.
5	41	46		31.5	46	29.43	29.70	29.90	S.W.	N.E.	Cloudy.	Fair.
6	31.5	46	35	26.5	46	30.15	30.10	30.09	N.E.	S.E.	Cloudy.	Cloudy.
* 7	33	48	42	30	49	30.06	30.06	30.06	S.W.	S.W.	Fair.	Cloudy.
8	35	40	33	30.5	44	29.91	29.90	29.90	E.	N.E.	Snow.	Snow.
9	33	47	37	29	50	30.06	30.09	30.10	N.W.	S.W.	Fair.	Cloudy.
10	36.5	48	38	26.5	49.5	30.01	29.98	29.90	S.W.	S.	Fair.	Cloudy.
11	39.5	44	42.5	33	46	29.56	29.34	29.33	S.E.	S.W.	Cloudy.	Fog.
† 12	40	43.5	45	33.7	50	29.73	29.79	29.82	N.W.	S.W.	Fair.	Fair.
13	39	53.5	47	23.5	60	29.77	29.67	29.70	S.W.	W.	Fair.	Fair.
14	37	34	29.2	34	38.5	29.76	29.62	29.60	N.E.	N.W.	Snow.	Cloudy.
15	32	38.5	34.5	13.5	40	29.85	29.82	29.74	N.W.	S.W.	Fair.	Cloudy.
16	40	54	43	32	55.5	29.47	29.40	29.52	S.W.	N.W.	Fair.	Fair.
17	36	49	41	22.5	50	29.75	29.79	29.85	N.W.	S.	Fair.	Fair.
18	43	50	42	34.5	51.5	29.89	29.90	29.92	S.W.	S.E.	Cloudy.	Fair.
19	43	45	38	27.5	45	29.75	29.57	29.51	S.E.	N.W.	Cloudy.	Rain.
† 20	43	54	46	35.7	61	29.70	29.75	29.82	N.W.	S.W.	Fair.	Fair.
21	40	56	45	31.5	60	29.97	29.99	29.97	S.E.	S.E.	Fair.	Fair.
22	40	49	45.5	26	50	29.85	29.78	29.63	N.E.	N.E.	Fair.	Cloudy
23	37	41	40	35.5	41	29.31	29.34	29.42	N.E.	N.E.	Rain.	Mist.
24	42.5	46.5	41	39	47	29.77	29.91	30.09	N.E.	N.E.	Fair.	Fair.
25	36	46	39	23	47	30.33	30.32	30.29	N.E.	S.W.	Fair.	Fair.
26	44	63.5	62	36	66	29.96	29.88	29.81	S.W.	S.W.	Fair.	Fair.
27	54	75.5	59	42.5	77	29.79	29.80	29.85	S.W.	S.W.	Fair.	Fair.
28	47	64	47	45.5	65.5	30.12	30.13	30.08	N.E.	E.	Fair.	Cloudy.
29	38	47	36.7	37	48	29.92	29.79	29.72	E.	N.E.	Rain.	Rain.
30	37	49.5	44	32.5	50	29.64	29.67	29.79	N.	N.W.	Cloudy.	Cloudy.
Means	38	48	40.5	30.1	49.6	29.82	29.81	29.82				

Mean temperature deduced from three observations each day 42.16°  
ditto maxima of heat and cold 39.89

Mean pressure of the atmosphere - - 29.82 in.

Greatest monthly range of barometer - - 1.02

Snow reduced to water and rain - - 3.15

The maximum of heat, on the 27th, shows one of the extremes of our variable climate. On the 27th of April, 1814, the maximum of heat was 82.5°.

\* Halo near sunset.

† Aurora Borealis.

‡ Bright halo about the moon.

MAY, 1815.

Thermometer.									Barometer.			Winds.		Weather.				
	7	30	A. M.	1	P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7	30	A. M.	1	P. M.	15 minutes after sunset.	7	30	A. M.	15 minutes after sunset.
* 1	42	54	50	31.5	56				29.88	29.87	29.89	N.E.	N.		Fair.	Fair.		
2	42	51	42	24.5	52.5				29.90	29.80	29.74	S.W.	S.W.		Fair.	Fair.		
3	42	37	38.5	37.5	38.5				29.68	29.69	29.68	E.	N.E.		Hail.	Cloudy.		
4	39	47	44	32	50				29.72	29.74	29.77	S.W.	S.W.		Rain.	Fair.		
5	45	59	51	34	60				29.85	29.86	29.91	W.	N.W.		Fair.	Fair.		
6	46	58.5	45	33.5	60				29.95	29.99	29.99	N.E.	S.		Fair.	Fair.		
7	45	52	43	36	52.5				29.95	29.95	29.95	S.E.	S.E.		Rain.	Cloudy.		
8	35.5	40	33	33	42				29.91	29.89	29.76	N.E.	N.E.		Snow.	Cloudy.		
9	43	56	48.5	34.5	57.5				29.76	29.72	29.66	N.W.	S.W.		Fair.	Fair.		
10	46	54	51	30	56				29.53	29.66	29.75	S.W.	N.W.		Fair.	Fair.		
† 11	48.5	61	48	29	63				29.87	29.77	29.77	S.W.	S.W.		Fair.	Rain.		
‡ 12	49.5	68.5	46	34.5	71				29.80	29.80	29.69	S.W.	S.		Fair.	Rain.		
13	53	58.5	50	43.5	60				29.48	29.59	29.69	N.W.	N.W.		Fair.	Fair.		
14	42.5	50	43	36	51.5				29.70	29.68	29.77	N.W.	N.W.		Fair.	Fair.		
15	43	54	46.5	29.5	56				29.84	29.79	29.85	N.W.	N.W.		Fair.	Fair.		
16	49	64	49	31	64				29.95	29.91	29.87	N.W.	S.W.		Fair.	Fair.		
17	52	51.5	50	40	52				29.81	29.79	29.72	S.	S.		Fair.	Rain.		
18	47	61.5	52.5	31	64				29.59	29.68	29.72	N.W.	N.W.		Fair.	Fair.		
§ 19	42	41.5	34.5	38	42				29.94	29.90	29.70	N.E.	N.E.		Snow.	Rain.		
20	42	50.5	45	34	52				29.40	29.51	29.56	N.E.	N.W.		Rain.	Cloudy.		
21	47	65	58	30.5	63				29.76	29.77	29.83	N.W.	N.W.		Fair.	Fair.		
22	57	76	52	35.5	78				29.95	29.96	29.90	W.	S.W.		Fair.	Fair.		
23	57	69	52	43.5	71				29.89	29.73	29.80	S.W.	S.W.		Fair.	Fair.		
24	51	70	52	47	71.5				29.79	29.74	29.71	W.	S.		Cloudy.	Fair.		
25	55	74	53	37	79				29.74	29.71	29.72	S.W.	S.		Fair.	Cloudy.		
26	56	68	60	48.5	74				29.90	29.88	29.89	N.W.	N.W.		Fair.	Fair.		
27	55	70	54	38.5	71				29.96	29.88	29.80	S.W.	S.W.		Fair.	Cloudy.		
28	58	72	54	42.5	79				29.76	29.72	29.55	S.W.	S.W.		Fair.	Cloudy.		
** 29	56	70	64	50.5	70				29.55	29.60	29.70	N.E.	N.W.		Cloudy.	Cloudy.		
30	50	70	69	45	73				29.72	29.78	29.78	N.	N.		Fair.	Cloudy.		
31	56	63	51	43	65				29.88	29.89	30.00	N.W.	S.W.		Fair.	Cloudy.		
Means.	48.1	59.2	49.6	36.6	61.3				29.79	29.78	29.77							

Mean temperature deduced from three observations each day 52.32°  
ditto maxima of heat and cold 48.94

Mean pressure of the atmosphere - - 29.78 in.

Greatest monthly range of barometer - .54

Snow reduced to water and rain - - 1.80

\* Halo about sun, at 12 o'clock.

† Halo about sun, 11 o'clock, 45° diameter.

‡ Halo about sun, 11 o'clock, 45° diameter.

§ This day, 19th May, about four inches snow fell between 7 o'clock, A. M. and 12; some part of it remained till the following morning.

|| Thunder.

\*\* Thunder.

## METEOROLOGICAL JOURNAL,

KEPT AT ALBANY, BY DR. JONATHAN EIGHTS.

APRIL, 1815.

Day.	Thermometer.			Barometer.			Winds.		Weather.	
	7 A. M.	3 P. M.	9 P. M.	7 A. M.	3 P. M.	9 P. M.	Morning	Aftern.	Morning	Aftern.
1	32	40	38	29.65	80	80	W.	N.W.	Fair	Fair
2	36	38	36	29.70	60	65	S.	S.E.	Snow	Cloudy
3	34	42	40	29.90	92	90	N.W.	W.	Cloudy	Fair
4	40	50	50	29.80	65	58	S.	S.	Cloudy	Rain
5	50	48	46	29.15	60	85	S.	N.	Cloudy	Cloudy
6	42	43	42	29.90	98	30	S.E.	S.	Cloudy	Rain
7	36	52	50	30.10	29.92	85	W.	N.	Fair	C. & R.
8	38	44	40	29.85	70	85	S.	S.E.	Rain	Rain
9	40	50	46	30.00	3	30.00	N.	N.	Fair	Cloudy
10	44	46	48	29.95	65	60	S.	S.E.	Fair	Rain
11	50	62	52	29.40	40	50	S.	W.	Cloudy	Fair
12	48	56	46	29.80	80	80	N.W.	N.W.	Fair	Fair
13	52	56	50	29.80	75	70	S.	S.W.	Fair	Rain
14	46	44	44	29.60	60	70	N.W.	N.W.	Cloudy	C. & R.
15	36	52	48	29.90	68	68	S.	S.	Fair	Cloudy
16	45	56	50	29.53	50	55	S.	N.W.	Fair	Fair
17	38	55	55	29.70	70	70	N.	N.	Fair	Cloudy
18	54	70	66	29.70	70	64	S.	S.E.	Fair	Cloudy
19	58	58	56	29.50	50	50	S.E.	N.	Rain	Cloudy
20	46	60	53	29.75	75	75	N.W.	N.W.	Fair	Fair
21	50	62	58	29.85	80	80	S.	S.	Fair	Fair
22	50	60	54	29.70	58	50	S.	N.W.	Fair	Cloudy
23	48	50	52	29.35	45	60	N.	N.	Cloudy	Rain
24	48	54	46	29.82	30.5	10	N.	N.	Fair	Fair
25	46	58	52	30.20	10	8	N.	S.	Fair	Fair
26	50	68	66	30.5	29.90	85	S.E.	S.E.	Fair	Fair
27	58	75	66	29.85	85	90	S.	S.	Fair	Fair
28	58	66	56	29.80	85	85	S.	S.E.	Fair	Fair
29	50	50	48	29.80	70	70	S.	W.	Rain	Rain
30	46	50	48	29.70	75	85	N.	N.W.	Rain	Cloudy

*Diseases.*—Measles, Remittent Fevers, Rheumatisms, Gout, Intermittents.

MAY, 1815.

Day.	Thermometer.			Barometer.			Wind.		Weather.	
	7, A. M.	3, P. M.	9, P. M.	7, A. M.	3, P. M.	9, P. M.	Morning.	Afternoon.	Morning.	Afternoon.
1	48	56	50	29.95	90	90	N.	N.	Fair.	Clo.
2	46	53	48	29.88	73	78	N.	N.	Clo.	Clo.
3	46	52	48	29.55	56	55	S.	S.E.	Clo.	Rain.
4	48	56	50	29.68	75	80	W.	W.	Fair.	Fair.
5	48	58	52	29.95	95	95	W.	W.	Fair.	Fair.
6	48	52	52	29.90	80	80	S.	S.	Clo.	Rain.
7	48	50	50	29.70	80	80	S.	W.	Rain.	Clo.
8	46	52	48	29.85	85	85	N.	N.	Clo.	Clo.
9	48	52	52	29.80	70	65	S.	S.	Fair.	Rain.
10	50	48	46	29.75	70	70	W.	W.	Fair.	Fair.
11	46	54	50	29.75	70	75	S.	S.	Rain.	Clo.
12	45	55	56	29.80	45	45	S.	S.E.	Clo.	Rain.
13	54	55	52	29.64	70	70	W.	W.	Clo.	Fair.
14	50	52	49	29.80	80	90	W.	N.	Fair.	Clo.
15	40	56	50	29.90	90	90	N.	W.	Clo.	Fair.
16	50	60	58	29.90	30. 5	29.35	W.	S.E.	Fair.	Fair.
17	52	56	55	29.70	50	50	S.	S.	Clo.	Clo.
18	56	62	55	29.70	70	75	W.	W.	Fair.	Fair.
19	48	55	50	29.68	62	60	N.W.	N.W.	Rain.	Clo.
20	46	50	46	29.50	68	75	W.	W.	Clo.	Clo.
21	45	45	58	29.50	90	90	W.	W.	Fair.	Fair.
22	55	72	68	30.00	30.00	29.35	W.	S.	Fair.	Fair.
23	64	78	72	29.85	72	30.00	S.	S.	Fair.	Fair.
24	64	74	70	29.80	80	80	S.	W.	Fair.	Fair.
25	58	70	62	29.80	80	80	W.	N.W.	Fair.	Fair.
26	60	70	65	29.90	29.90	90	W.	W.	Fair.	Fair.
27	56	74	70	29.90	90	75	W.	S.E.	Fair.	Fair.
28	66	85	80	26.78	68	60	W.	W.	Fair.	Fair.
29	70	65	62	29.60	80	80	N.W.	N.W.	Rain.	Fair.
30	58	70	62	29.90	90	90	W.	N.W.	Fair.	Fair.
31	66	72	66	29.90	62	82	S.E.	S.E.	Fair.	Clo.

*Diseases*—Remittent and intermittent fevers, measles, gout, catarrhs, rheumatisms.—The remittent fevers were attended with a great suffusion of bile; the eyes, skin, nails, being highly coloured—Typhoid symptoms were present in a number of cases.

The month of May has been uncommonly cold and wet.—Vegetation much backward.

May 19, rain and thunder.